Author index

Albertini, A., see Arosio, P. (1039) 197
Arce, C.A., see Lopez, R.A. (1039) 209
Arosio, P., Cozzi, A., Ingrassia, R., Levi, S., Luzzago, A., Ruggeri, G., Iacobello, C., Santambrogio, P. and Albertini, A.
A mutational analysis of the epitopes of recombinant human H-ferritin (1039) 197
Austin, A., see Slabas, A.R. (1039) 181

Bachs, O., see Falchetto, R. (1039) 73
Bali, J.-P., see Dubreuil, P. (1039) 171
Barra, H.S., see Lopez, R.A. (1039) 209
Barrabin, H., see Mignaco, J. (1039) 305
Barrabin, H., see Valente, A.P.C. (1039) 297
Bassilian, S., see Rabon, E.C. (1039) 277
Beijer, N.A., Buck, H.M., Sluyterman, L.A.A.E. and Meijer, E.M.
NAD^+ and NAD^+ analogues in horse liver alcohol dehydrogenase. Relationship between reactivity and conformation simulated with molecular mechanics (1039) 227
Bellon, G., see Wegrowski, J. (1039) 189
Bernatowicz, M., see Cheung, A. (1039) 90
Berry, E.A., see Huang, L.-s. (1039) 241
Bloemhard, Y., see Falchetto, R. (1039) 73
Blom, C., Klasen, E.C. and Van Steveninck, J.
Different characteristics of ferrochelatase in cultured fibroblasts of erythropoietic protoporphyria patients and normal controls (1039) 339
Brodbeck, U., see Jäger, K. (1039) 367
Brown, W.E., see Singh, G. (1039) 348
Brumfeld, V., see Lester, D.S. (1039) 33
Buck, H.M., see Beijer, N.A. (1039) 227
Burton, L.E., see Schmelzer, C.H. (1039) 135

Campoy, F.J., see Cánovas-Muñoz, M.D. (1039) 323
Cánovas-Muñoz, M.D., Campoy, F.J., Muñoz-Delgado, E. and Vidal, C.J.
Amphiphilic and hydrophilic molecular forms of acetylcholinesterase in membranes derived from sarcoplasmic reticulum of skeletal muscle (1039) 323
Carrea, G., see Pasta, P. (1039) 1
Cartwright, A.J., see Morris, G.E. (1039) 318
Cattalini, N., see Vanderwinkel, E. (1039) 331
Chen, L.-Y., Tian, M., Du, J.-S. and Ju, M.
The changes of circular dichroism and fluorescence spectra, and the comparison with inactivation rates of angiotensin converting enzyme in guanidine solutions (1039) 61
Cheung, A., Suttie, J.W. and Bernatowicz, M.
Vitamin K-dependent carboxylase: structural requirements for propeptide activation (1039) 90
Christensen, H.E.M., Ulstrup, J. and Sykes, A.G.
Effects of NO_2-modification of Tyr^{83} on the reactivity of spinach plastocyanin with inorganic redox partners $[Fe(CN)_6]^{3-/4-}$ and $[Co(phen)_3]^{3+/2+}$ (1039) 94
Cisneros, R.J. and Dunlap, R.B.
Characterization of the parameters affecting covalent binding stoichiometry in binary and ternary complexes of thymidylate synthase (1039) 149
Cottingham, I.R., see Slabas, A.R. (1039) 181
Cozzi, A., see Arosio, P. (1039) 197
Curti, B., see Vanoni, M.A. (1039) 374

Dary, O. and Wedding, R.T.
Absence of substrate inhibition and freezing-inactivation of the mosquito acetylcholinesterase are caused by alterations of hydrophobic interactions (1039) 103
Demchenko, A.P., Rusyn, O.I., Egorov, A.M. and Tishkov, V.I.
The solvent effects on the kinetics of bacterial formate dehydrogenase reaction (1039) 290
De Pauw, P., see Vanderwinkel, E. (1039) 331
De Vlieghere, M., see Vanderwinkel, E. (1039) 331
Doll, L., see Lester, D.S. (1039) 33
Du, J.-S., see Chen, L.-Y. (1039) 61
Dubreuil, P., Fulcrand, P., Rodriguez, M., Laur, J., Bali, J.-P. and Martinez, J.
ACE-like hydrolysis of gastrin analogs and CCK-8 by fundic mucosal cells of different species with release of the amidated C-terminal dipeptide (1039) 171
Dunlap, R.B., see Cisneros, R.J. (1039) 149

Egorov, A.M., see Demchenko, A.P. (1039) 290

Facchinetti, A., see Finotti, P. (1039) 123
Falchetto, R., Leutenegger, S., Bachs, O., Serratosa, J., Bloemhard, Y. and Gazzotti, P.
Isolation of rat liver spectrin and identification of functional domains (1039) 73
Ferri, G., see Minchiotti, L. (1039) 204
Finotti, P., Facchinetti, A. and Palatini, P.
Mechanism of Na^+/K^+-ATPase activation by trypsin and kallikrein (1039) 123
Fulcrand, P., see Dubreuil, P. (1039) 171
Fuller, G.M., see Gonzalez-Gronow, M. (1039) 269

Galliano, M., see Minchiotti, L. (1039) 204
Gazzotti, P., see Falchetto, R. (1039) 73
Gerig, J.T., see Kairi, M. (1039) 157
Ghose, A.K., see Viswanadhan, V.N. (1039) 356
Ghosh, S.K., Syed, S.K., Jung, S., Paik, W.K. and Kim, S.
Substrate specificity for myelin basic protein-specific protein methylase I (1039) 142
Gigot, D., see Vanderwinkel, E. (1039) 331
Gonzalez-Gronow, M., Grenett, H.E., Fuller, G.M. and Pizzo, S.V.
The role of carbohydrate in the function of human plasminogen: comparison of the protein obtained from molecular cloning and expression in *Escherichia coli* and COS cells (1039) 269
Grabowski, G.A., see Greenberg, P. (1039) 12
Greenberg, P., Merrill, A.H., Liotta, D.C. and Grabowski, G.A.
Human acid β-glucosidase: use of sphingosyl and *N*-alkyl-glucosylamine inhibitors to investigate the properties of the active site (1039) 12
Grenett, H.E., see Gonzalez-Gronow, M. (1039) 269
Gröschel-Stewart, U., see Stuewer, D. (1039) 5
Gumińska, M., see Kędryna, T. (1039) 130

Haskell, J.H., see Silver, M.S. (1039) 25
Hatakeyama, T. and Hatakeyama, T.
Amino acid sequences of the ribosomal proteins HL30 and HmaL5 from the archaebacterium *Halobacterium marismortui* (1039) 343
Hatakeyama, T., see Hatakeyama, T. (1039) 343
Heiskanen, M.-L., see Pirhonen, A. (1039) 177

Hellyer, A., see Slabas, A.R. (1039) 181
Holt, J., see Williams, J. (1039) 81
Hosoi, K., see Kurihara, K. (1039) 234
Huang, L.-s. and Berry, E.A.
Purification and characterization of the proton translocating plasma membrane ATPase of red beet storage tissue (1039) 241

Iacobello, C., see Arosio, P. (1039) 197
Iadarola, P., see Minchiotti, L. (1039) 204
Ingrassia, R., see Arosio, P. (1039) 197

Jäger, K., Meyer, P., Stieger, S. and Brodbeck, U.
Production and characterization of antibodies against the cross-reacting determinant of glycosyl-phosphatidylinositol-anchored acetylcholinesterase (1039) 367
Jakobsen, L.J., see Rabon, E.C. (1039) 277
Jorge, R.V., see Valente, A.P.C. (1039) 297
Ju, M., see Chen, L.-Y. (1039) 61
Jung, S., see Ghosh, S.K. (1039) 142

Kairi, M. and Gerig, J.T.
Conformational dynamics in fluorophenylcarbamoyl-α-chymotrypsins (1039) 157
Kamiya, H., see Muramoto, K. (1039) 42
Kamiya, H., see Muramoto, K. (1039) 52
Katyal, S.L., see Singh, G. (1039) 348
Kędryna, T., Gumińska, M. and Marchut, E.
Pyruvate kinase from cytosolic fractions of the Ehrlich ascites tumour, normal mouse liver and skeletal muscle (1039) 130
Kennedy, A.L., see Singh, G. (1039) 348
Kesvatera, T.
pH-dependent salting-out effect in enzyme-catalyzed reaction kinetics (1039) 21
Kim, S., see Ghosh, S.K. (1039) 142
Kiss, L., see Pócsi, I. (1039) 110
Kiss, L., see Pócsi, I. (1039) 119
Klasen, E.C., see Blom, C. (1039) 339
Kodama, A., see Kurihara, K. (1039) 234
Kotb, M. and Kredich, N.M.
Regulation of human lymphocyte *S*-adenosylmethionine synthetase by product inhibition (1039) 253
Kredich, N.M., see Kotb, M. (1039) 253
Kurihara, K., Hosoi, K., Kodama, A. and Ueha, T.
A new electrophoretic variant of α subunit of Na^+/K^+-ATPase from the submandibular gland of rats (1039) 234
Kwanyuen, P. and Wilson, R.F.
Subunit and amino acid composition of diacylglycerol acyltransferase from germinating soybean cotyledons (1039) 67

Laur, J., see Dubreuil, P. (1039) 171
Ledoux, V., see Vanderwinkel, E. (1039) 331
Lester, D.S., Doll, L., Brumfeld, V. and Miller, I.R.
Lipid dependence of surface conformations of protein kinase C (1039) 33
Leutenegger, S., see Falchetto, R. (1039) 73
Levi, S., see Arosio, P. (1039) 197
Liegeois, N., see Schmelzer, C.H. (1039) 135
Linnala-Kankkunen, A., see Pirhonen, A. (1039) 177
Liotta, D.C., see Greenberg, P. (1039) 12
Longhi, R., see Pasta, P. (1039) 1
Lopez, R.A., Arce, C.A. and Barra, H.S.
Effect of polyanions and polycations on detyrosination of tubulin and microtubules at steady state (1039) 209
Luzzago, A., see Arosio, P. (1039) 197

Mäenpää, P.H., see Pirhonen, A. (1039) 177
Marchut, E., see Kędryna, T. (1039) 130
Martinez, J., see Dubreuil, P. (1039) 171
Masellis-Smith, A., see Seehafer, J.G. (1039) 218
Mason, A.J., see Schmelzer, C.H. (1039) 135
Meijer, E.M., see Beijer, N.A. (1039) 227
Merrill, A.H., see Greenberg, P. (1039) 12
Meyer, P., see Jäger, K. (1039) 367
Mignaco, J., Scofano, H.M. and Barrabin, H.
Inhibition and labeling of the Ca^{2+}-ATPase from sarcoplasmic reticulum by periodate oxidized ATP (1039) 305
Miller, I.R., see Lester, D.S. (1039) 33
Minchiotti, L., Galliano, M., Iadarola, P., Zepponi, E. and Ferri, G.
The molecular defect of albumin Castel di Sangro: 536 Lys → Glu (1039) 204
Morris, G.E. and Cartwright, A.J.
Monoclonal antibody studies suggest a catalytic site at the interface between domains in creatine kinase (1039) 318
Muñoz-Delgado, E., see Cánovas-Muñoz, M.D. (1039) 323
Muramoto, K. and Kamiya, H.
The amino-acid sequence of multiple lectins of the acorn barnacle *Megabalanus rosa* and its homology with animal lectins (1039) 42
Muramoto, K. and Kamiya, H.
The positions of the disulfide bonds and the glycosylation site in a lectin of the acorn barnacle *Megabalanus rosa* (1039) 52

Nánási, P., see Pócsi, I. (1039) 110
Negri, A., see Vanoni, M.A. (1039) 374
Niewiarowski, S., see Williams, J. (1039) 81

Paes, M.C., see Valente, A.P.C. (1039) 297
Paik, W.K., see Ghosh, S.K. (1039) 142
Palatini, P., see Finotti, P. (1039) 123
Pasta, P., Carrea, G., Longhi, R. and Zetta, L.
Circular dichroism and proteolysis of human β-endorphin in surfactant and lipid solutions (1039) 1
Pintér, I., see Pócsi, I. (1039) 119
Pirhonen, A., Valtonen, P., Linnala-Kankkunen, A., Heiskanen, M.-L. and Mäenpää, P.H.
Primary structures of two protamine 2 variants (St2a and St2b) from stallion spermatozoa (1039) 177
Pizzo, S.V., see Gonzalez-Gronow, M. (1039) 269
Pócsi, I., Kiss, L. and Nánási, P.
Studies on the *N*-acetyl-β-D-hexosaminidase B from germinating *Lupinus luteus* L. seeds I. Purification and characterization (1039) 110
Pócsi, I., Kiss, L., Zsoldos-Mády, V. and Pintér, I.
Studies on the *N*-acetyl-β-D-hexosaminidase B from germinating *Lupinus luteus* L. seeds II. Mechanism and inhibition with some 2-acetamido-2-deoxyaldono(1 → 4)lactones (1039) 119

Rabon, E.C., Bassilian, S. and Jakobsen, L.J.
Glutaraldehyde crosslinking analysis of the $C_{12}E_8$ solubilized H,K-ATPase (1039) 277
Rancourt, S.L. and Walker, V.K.
The purification of dihydrofolate reductase from *Drosophila melanogaster* (1039) 261
Randoux, A., see Wegrowski, J. (1039) 189
Rodriguez, M., see Dubreuil, P. (1039) 171
Ronchi, S., see Vanoni, M.A. (1039) 374
Rucinski, B., see Williams, J. (1039) 81
Ruggeri, G., see Arosio, P. (1039) 197
Rusyn, O.I., see Demchenko, A.P. (1039) 290

Safford, R., see Slabas, A.R. (1039) 181
Santambrogio, P., see Arosio, P. (1039) 197
Schmelzer, C.H., Burton, L.E., Tamony, C.M., Schwall, R.H., Mason, A.J. and Liegeois, N.
Purification and characterization of recombinant human activin B (1039) 135

Schwall, R.H., see Schmelzer, C.H. (1039) 135
Scofano, H.M., see Mignaco, J. (1039) 305
Scofano, H.M., see Valente, A.P.C. (1039) 297
Seehafer, J.G., Slupsky, J.R., Tang, S.-C., Masellis-Smith, A. and Shaw, A.R.E.
Myristic acid is incorporated into the two acylatable domains of the functional glycoprotein CD9 in ester, but not in amide bonds (1039) 218
Serratosa, J., see Falchetto, R. (1039) 73
Shaw, A.R.E., see Seehafer, J.G. (1039) 218
Silver, M.S. and Haskell, J.H.
Chemistry in a microenvironment of low pH, generated with the aid of an immobilized proteinase (1039) 25
Singh, G., Katyal, S.L., Brown, W.E., Kennedy, A.L., Singh, U. and Wong-Chong, M.-L.
Clara cell 10 kDa protein (CC10): Comparison of structure and function to uteroglobin (1039) 348
Singh, U., see Singh, G. (1039) 348
Slabas, A.R., Cottingham, I.R., Austin, A., Hellyer, A., Safford, R. and Smith, C.G.
Immunological detection of NADH-specific enoyl-ACP reductase from rape seed (*Brassica napus*) – induction, relationship of α and β polypeptides, mRNA translation and interaction with ACP (1039) 181
Slupsky, J.R., see Seehafer, J.G. (1039) 218
Sluyterman, L.A.A.E., see Beijer, N.A. (1039) 227
Smith, C.G., see Slabas, A.R. (1039) 181
Stieger, S., see Jäger, K. (1039) 367
Stuewer, D. and Gröschel-Stewart, U.
Immune response of rabbits to native G-actins (1039) 5
Suttie, J.W., see Cheung, A. (1039) 90
Syed, S.K., see Ghosh, S.K. (1039) 142
Sykes, A.G., see Christensen, H.E.M. (1039) 94

Tamony, C.M., see Schmelzer, C.H. (1039) 135
Tang, S.-C., see Seehafer, J.G. (1039) 218
Ten Have, J.-P., see Vanderwinkel, E. (1039) 331
Tian, M., see Chen, L.-Y. (1039) 61
Tishkov, V.I., see Demchenko, A.P. (1039) 290
Tsou, C.-L., see Wang, X.-C. (1039) 313

Ueha, T., see Kurihara, K. (1039) 234
Ulstrup, J., see Christensen, H.E.M. (1039) 94

Valente, A.P.C., Barrabin, H., Jorge, R.V., Paes, M.C. and Scofano, H.M.
Isolation and characterization of the Mg^{2+}-ATPase from rabbit skeletal muscle sarcoplasmic reticulum membrane preparations (1039) 297
Valtonen, P., see Pirhonen, A. (1039) 177
Vanderwinkel, E., De Vlieghere, M., De Pauw, P., Cattalini, N., Ledoux, V., Gigot, D. and Ten Have, J.-P.
Purification and characterization of *N*-acetylmuramoyl-L-alanine amidase from human serum (1039) 331
Vanoni, M.A., Negri, A., Zanetti, G., Ronchi, S. and Curti, B.
Structural studies on the subunits of glutamate synthase from *Azospirillum brasilense* (1039) 374
Van Steveninck, J., see Blom, C. (1039) 339
Vidal, C.J., see Cánovas-Muñoz, M.D. (1039) 323
Viswanadhan, V.N., Ghose, A.K. and Weinstein, J.N.
Mapping the binding site of the nucleoside transporter protein: a 3D-QSAR study (1039) 356

Walker, V.K., see Rancourt, S.L. (1039) 261
Wang, X.-C., Zhou, H.-M., Wang, Z.-X. and Tsou, C.-L.
Is the subunit the minimal function unit of creatine kinase? (1039) 313
Wang, Z.-X., see Wang, X.-C. (1039) 313
Wedding, R.T., see Dary, O. (1039) 103
Wegrowski, J., Bellon, G. and Randoux, A.
Human type VI collagen: Isolation and characterization of α1 and α2 chains by two-dimensional preparative gel electrophoresis (1039) 189
Weinstein, J.N., see Viswanadhan, V.N. (1039) 356
Williams, J., Rucinski, B., Holt, J. and Niewiarowski, S.
Elegantin and Albolabrin purified peptides from viper venoms; homologies with the RGDS domain of fibrinogen and von Willebrand factor (1039) 81
Wilson, R.F., see Kwanyuen, P. (1039) 67
Wong-Chong, M.-L., see Singh, G. (1039) 348

Zanetti, G., see Vanoni, M.A. (1039) 374
Zepponi, E., see Minchiotti, L. (1039) 204
Zetta, L., see Pasta, P. (1039) 1
Zhou, H.-M., see Wang, X.-C. (1039) 313
Zsoldos-Mády, V., see Pócsi, I. (1039) 119